10-30
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OIPE JC186
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/674,962	11/08/2000	Bernhard Hauer	49041	7018

26474 7590 09/30/2003

KEIL & WEINKAUF
1350 CONNECTICUT AVENUE, N.W.
WASHINGTON, DC 20036

EXAMINER
WESSENDORF, TERESA D

ART UNIT	PAPER NUMBER
1639	

DATE MAILED: 09/30/2003

18

Please find below and/or attached an Office communication concerning this application or proceeding.

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NOV 21 2003
TECH CENTER 1600/2900

DETAILED ACTION

The reply filed 7/22/03 is not fully responsive to the Office communication mailed 6/20/02 for the reason(s) set forth below or on the attached Notice To Comply With The Sequence Rules or CRF Diskette Problem Report.

Since the above-mentioned reply appears to be *bona fide*, applicant is given a TIME PERIOD of **ONE (1) MONTH** or **THIRTY (30) DAYS** from the mailing date of this notice, whichever is longer, within which to supply the omission or correction in order to avoid abandonment. EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to T. D. Wessendorf whose telephone number is (703) 308-3967. The examiner can normally be reached on Flexitime.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Wang can be reached on (703) 306-3217. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0196.

T. D. Wessendorf
Primary Examiner
Art Unit 1639

Tdw
September 22, 2003

OIPE JC16
NOV 12 2003
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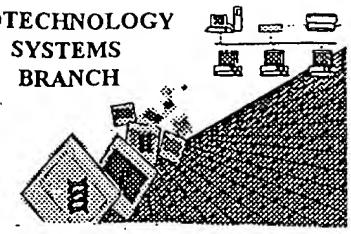
BIOTECHNOLOGY SYSTEMS BRANCH



RAW SEQUENCE LISTING ERROR REPORT

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TECH CENTER 1600/2900

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/674,962B
Source: 1600
Date Processed by STIC: 7-30-03

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
http://www.uspto.gov/web/offices/pac/checker

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<**http://www.uspto.gov/ebc/efs/downloads/documents.htm**> , **EFS Submission User Manual** - ePAVE)
2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. **Hand Carry directly to:**
   U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
   Or
   U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. **Federal Express, United Parcel Service, or other delivery service to:** U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

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OIPE JC189 NOV 12 2003 PATENT & TRADEMARK OFFICE

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1600

RAW SEQUENCE LISTING DATE: 07/30/2003
PATENT APPLICATION: US/09/674,962B TIME: 09:58:10

Input Set : A:\Sequence
Output Set: N:\CRF4\07302003\I674962B.raw

3 <110> APPLICANT: Hauer, Bernhard
4 Schmid, Rolf D.
5 Enzelberger, Markus
6 Minning, Stephan
8 <120> TITLE OF INVENTION: Novel Peptide Fragments for Purifying Proteins
10 <130> FILE REFERENCE: 49041/Up
12 <140> CURRENT APPLICATION NUMBER: 09/674,962B
14 <141> CURRENT FILING DATE: 2000-11-08
16 <150> PRIOR APPLICATION NUMBER: PCT/EP99/03469
18 <151> PRIOR FILING DATE: 1999-05-20
20 <160> NUMBER OF SEQ ID NOS: 11
22 <170> SOFTWARE: WordPerfect version 6.1
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 10
27 <212> TYPE: PRT
28 <213> ORGANISM: Artificial Sequence
30 <220> FEATURE:
31 <222> LOCATION: 1..10
32 <223> OTHER INFORMATION: sequence for purifying proteins
W--> 35 <221> NAME/KEY: unsure
36 <222> LOCATION: 2
37 <223> OTHER INFORMATION: Xaa is an amino acid selected from the group consisting of
38 Ala, Val, Phe, Ser, Met, Trp, Tyr, Asn, Asp, Ile, Arg, Cys, Leu, Gly, Thr,
39 Stop and Lys,
40 <223> OTHER INFORMATION: particularly preferably
41 Phe, Ser, Asn, Asp and Lys, very particularly preferably Asn.
W--> 43 <221> NAME/KEY: unsure
W--> 44 <222> LOCATION: 4
W--> 45 <223> Xaa is an amino acid selected from the group consisting of
46 Val, Ile, Phe, Pro, Trp, Tyr, Gln, Glu, Ser, Thr, Stop, Asn, Ala, Gly, Met,
47 Asp, Leu and Arg,
48 <223> OTHER INFORMATION: particularly preferably Val,
49 Ile, Phe, Pro, Gln, Glu and Arg,
50 <223> OTHER INFORMATION: very particularly preferably Gln, Glu and Arg.
W--> 52 <221> NAME/KEY: unsure
W--> 53 <222> LOCATION: 5
W--> 54 <223> Xaa is an amino acid selected from the group consisting of
55 Gly, Ile, Thr, Met, Trp, Tyr, Asn, Gln, Asp, Glu, Lys, Arg, Val, Leu, Stop,
56 Ser, Phe and His,
57 <223> OTHER INFORMATION: particularly preferably Gly, Ile, Thr, Met, Trp, Tyr, Asn
Asp, Glu, Arg
58 and
59 His,
61 <223> OTHER INFORMATION: very particularly preferably Gly, Thr and Tyr.

Does Not Comply
Corrected Diskette Needed

Xaa can only represent a single amino-acid. It can not represent a codon

RAW SEQUENCE LISTING DATE: 07/30/2003
PATENT APPLICATION: US/09/674,962B TIME: 09:58:10

Input Set : A:\Sequence
Output Set: N:\CRF4\07302003\I674962B.raw

W--> 63 <221> NAME/KEY: unsure
W--> 64 <222> LOCATION: 6
W--> 65 <223> Xaa is an amino acid selected from the group consisting of
66 Val, Phe, Pro, Cys, Met, Trp, Asn, Glu, Arg, Leu, Gly, Ser, Ala, Thr, Ser,
67 Asp, Gln and His,
68 <223> OTHER INFORMATION: particularly preferably
69 Val, Phe, Cys, Met, Trp, Asn, Arg and His, very particularly preferably Asn
70 and Arg.
W--> 72 <221> NAME/KEY: unsure
W--> 73 <222> LOCATION: 8
W--> 74 <223> Xaa is an amino acid selected from the group consisting of
75 Gly, Ser, Cys, Met, Trp, Asn, Glu, Lys, Stop, Pro, Phe, Ala, Leu, Thr, His,
76 Ile, Tyr and Arg,
77 <223> OTHER INFORMATION:
78 particularly preferably Gly,
79 Ser, Cys, Met, Asn, Glu, Lys and Arg, very particularly preferably Gly and
80 Lys.
W--> 82 <221> NAME/KEY: unsure
W--> 83 <222> LOCATION: 9
W--> 84 <223> Xaa is an amino acid selected from the group consisting of
85 Gly, Ser, Cys, Met, Trp, Asn, Glu, Lys, Leu, Stop, Phe,Thr, Val, Ala, Asp and
86 Arg,
87 <223> OTHER INFORMATION: particularly preferably Gly,
88 Ser, Cys, Met, Asn, Glu, Lys and Arg, very particularly preferably Gly and
89 Lys.
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W--> 93 His Xaa His Xaa Xaa Xaa Cys Xaa Xaa Cys
94 1 5 10
96 <210> SEQ ID NO: 2
97 <211> LENGTH: 10
98 <212> TYPE: PRT
99 <213> ORGANISM: Artificial sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: Sequence for purifying proteins
104 <400> SEQUENCE: 2
106 His Gln His Glu Gly Arg Cys Lys Glu Cys
107 1 5 10
109 <210> SEQ ID NO: 3
110 <211> LENGTH: 10
111 <212> TYPE: PRT
112 <213> ORGANISM: Artificial sequence
114 <220> FEATURE:
115 <223> OTHER INFORMATION: Sequence for purifying proteins
117 <400> SEQUENCE: 3
119 His Asn His Arg Tyr Gly Cys Gly Cys Cys
120 1 5 10
122 <210> SEQ ID NO: 4
123 <211> LENGTH: 10
124 <212> TYPE: PRT

RAW SEQUENCE LISTING DATE: 07/30/2003
PATENT APPLICATION: US/09/674,962B TIME: 09:58:10

Input Set : A:\Sequence
Output Set: N:\CRF4\07302003\I674962B.raw

125 <213> ORGANISM: Artificial sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: Sequence for purifying proteins
130 <400> SEQUENCE: 4
132 His Arg His Gly Thr Asn Cys Leu Lys Cys
133 1 5 10
135 <210> SEQ ID NO: 5
136 <211> LENGTH: 10
137 <212> TYPE: PRT
138 <213> ORGANISM: Artificial sequence
140 <220> FEATURE:
141 <223> OTHER INFORMATION: Sequence for purifying proteins
143 <400> SEQUENCE: 5
145 His Ile His Gln Ser Asn Cys Gln Val Cys
146 1 5 10
149 <210> SEQ ID NO: 6
150 <211> LENGTH: 59
151 <212> TYPE: DNA
152 <213> ORGANISM: Artificial sequence
154 <220> FEATURE:
155 <221> NAME/KEY: unsure
156 <222> LOCATION: 1..59
157 <223> OTHER INFORMATION: primer
158 <223> OTHER INFORMATION: n is a, g, c, t or u
W--> 160 <400> 6
W--> 162 gcaataccat ggggcatnnn catnnnnnnn nntgtnnnnn ntgtgtgagg aagggcgag 59
164 <210> SEQ ID NO: 7
165 <211> LENGTH: 17
166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: primer
172 <400> SEQUENCE: 7
174 cagttggaat tctagag 17
177 <210> SEQ ID NO: 8
178 <211> LENGTH: 47
179 <212> TYPE: DNA
180 <213> ORGANISM: Artificial sequence
182 <220> FEATURE:
183 <223> OTHER INFORMATION: primer
185 <400> SEQUENCE: 8
187 gcaataccat ggggcatcat catcatcatc atgtgaggaa gggcgag 47
190 <210> SEQ ID NO: 9
191 <211> LENGTH: 17
192 <212> TYPE: DNA
193 <213> ORGANISM: Artificial sequence
195 <220> FEATURE:
196 <223> OTHER INFORMATION: primer
198 <400> SEQUENCE: 9

RAW SEQUENCE LISTING DATE: 07/30/2003
PATENT APPLICATION: **US/09/674,962B** TIME: 09:58:10

Input Set : **A:\Sequence**
Output Set: **N:\CRF4\07302003\I674962B.raw**

200 cagttggaat tctagag 17
202 <210> SEQ ID NO: 10
203 <211> LENGTH: 44
204 <212> TYPE: DNA
205 <213> ORGANISM: Artificial sequence
207 <220> FEATURE:
208 <223> OTHER INFORMATION: primer
210 <400> SEQUENCE: 10
212 gcaataccat ggggcatatt cataatcttg attgtcctga ttgt 44
214 <210> SEQ ID NO: 11
215 <211> LENGTH: 10
216 <212> TYPE: PRT
217 <213> ORGANISM: Helicobacter pylori
219 <400> SEQUENCE: 11
221 His Ile His Asn Leu Asp Cys Pro Asp Cys
222 5 10

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 07/30/2003
PATENT APPLICATION: US/09/674,962B TIME: 09:58:11

Input Set : A:\Sequence
Output Set: N:\CRF4\07302003\I674962B.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 2,4,5,6,8,9
Seq#:6; N Pos. 18,19,20,24,25,26,27,28,29,30,31,32,36,37,38,39,40,41